

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pSADdeltaG-F3

RRID:Addgene_32634

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/32634>

Proper Citation: RRID:Addgene_32634

Insert Name: B19N, B19P, B19M and B19L

Organism: Rabies virus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21867879](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5015; Vector Backbone:pcDNA3.1/Zeo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: To construct the rabies virus genomic cDNA, several pieces of rabies genomic cDNA were ligated with unique restriction enzyme sites, AgeI, MluI, BlnI, BstZ17I, and BstBI. Addition of HamRz and HdVRz sequences were performed by PCR using synthesized primers designed to attach these ribozyme sequences. The pSADdeltaG-F3 has 3 unique restriction enzyme sites SbfI, SrfI and NheI for cloning the first gene and 3 unique restriction enzyme sites PaeI, AscI and SacII for cloning the second gene between B19M and B19L.

Plasmid Name: pSADdeltaG-F3

Relevant Mutation: In frame insertion of Ser after aa10 in M (matrix protein).

Record Creation Time: 20220422T222141+0000

Record Last Update: 20260815T081343+0000

Ratings and Alerts

No rating or validation information has been found for pSADdeltaG-F3.

No alerts have been found for pSADdeltaG-F3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Locarno A, et al. (2026) Endocannabinoid modulation of a reciprocal fronto-coerulear connection in contextual discrimination. *Cell reports*, 45(4), 117141.

Thulin A, et al. (2025) Differentiated Presynaptic Input to OLM⁺2 Cells Along the Hippocampal Dorsoventral Axis: Implications for Hippocampal Microcircuit Function. *Hippocampus*, 35(5), e70026.

Martín-Guerrero SM, et al. (2025) Maternal immune activation imprints translational dysregulation and differential MAP2 phosphorylation in descendant neural stem cells. *Molecular psychiatry*, 30(7), 2994.

Bulk J, et al. (2025) A food-sensitive olfactory circuit drives anticipatory satiety. *Nature metabolism*, 7(6), 1246.

Jézéquel J, et al. (2025) Cadherins orchestrate specific patterns of perisomatic inhibition onto distinct pyramidal cell populations. *Nature communications*, 16(1), 4481.

Bouin A, et al. (2024) New rabies viral resources for multi-scale neural circuit mapping. *Molecular psychiatry*, 29(7), 1951.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. *Cell*.

Ledderose JMT, et al. (2023) Layer 1 of somatosensory cortex: an important site for input to a tiny cortical compartment. *Cerebral cortex (New York, N.Y. : 1991)*, 33(23), 11354.

Yao S, et al. (2023) A whole-brain monosynaptic input connectome to neuron classes in mouse visual cortex. *Nature neuroscience*, 26(2), 350.

Ciarpella F, et al. (2021) Murine cerebral organoids develop network of functional neurons and hippocampal brain region identity. *iScience*, 24(12), 103438.

Osakada F, et al. (2013) Design and generation of recombinant rabies virus vectors. *Nature protocols*, 8(8), 1583.